

Title (en)

PATH VISIBILITY, PACKET DROP, AND LATENCY MEASUREMENT WITH SERVICE CHAINING DATA FLOWS

Title (de)

PFADSICHTBARKEITS-, PAKETABFALL- UND LATENZMESSUNG MIT DIENSTVERKETTUNGSDATENSTRÖMEN

Title (fr)

VISIBILITÉ DE TRAJET, ABANDON DE PAQUETS, ET MESURE DE LATENCE AVEC DES FLUX DE DONNÉES DE CHAÎNAGE DE SERVICES

Publication

EP 4176570 A1 20230510 (EN)

Application

EP 21755104 A 20210624

Priority

- US 202016918658 A 20200701
- US 2021038947 W 20210624

Abstract (en)

[origin: WO2022005873A1] Techniques for determining packet path visibility, packet drops, and latency measurements associated with data flows of a networked computing environment are disclosed herein. The techniques may include receiving flow data associated with a data flow of a networked computing environment and determining a packet path associated with the data flow. The packet path may indicate that a first leaf switch is configured to send packets to a service chain device and that a second leaf switch is configured to receive the packets from the service chain device. The techniques may also include receiving timestamp data indicating a first time when the first leaf switch sent a packet to the service chain device and a second time when the second leaf switch received the packet from the service chain device. Based at least in part on the timestamp data, a latency associated with the service chain device may be calculated.

IPC 8 full level

H04L 12/00 (2006.01)

CPC (source: EP US)

H04L 43/0852 (2013.01 - EP US); **H04L 43/106** (2013.01 - US); **H04L 45/745** (2013.01 - US); **H04L 47/2441** (2013.01 - US); **H04L 47/34** (2013.01 - US); **H04L 69/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2022005873A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022005873 A1 20220106; CN 115769556 A 20230307; EP 4176570 A1 20230510; US 11418453 B2 20220816; US 2022006747 A1 20220106; US 2022353191 A1 20221103

DOCDB simple family (application)

US 2021038947 W 20210624; CN 202180047118 A 20210624; EP 21755104 A 20210624; US 202016918658 A 20200701; US 202217863672 A 20220713